

CONTENTS

Review

Protein kinase C — a family affair

P.J. Parker, G. Kour, R.M. Marais, F. Mitchell, C. Pears, D. Schaap, S. Stabel and
C. Webster (London) 1

Research Papers

A further comparison of insulin- and phorbol ester-stimulated glucose transport in adipocytes
G. Cherqui, M. Caron, D. Wicek, J. Capeau and J. Picard (France) 13

The actions of forskolin, cholera toxin and iloprost on casein secretion by lactating doe mammary glands
M. Ollivier-Bousquet (France) 27

Effect of secretagogues on cytosolic free Ca^{2+} and insulin release at different extracellular Ca^{2+} concentrations in the hamster clonal β -cell line HIT-T15
S.J. Hughes, J.G. Chalk and S.J.H. Ashcroft (U.K.) 35

Cyclic AMP mediation of the hormonal stimulation of ^{14}C -acetate incorporation by *Heliothis armigera* pheromone glands in vitro
A. Rafaeli and V. Soroker (Israel) 43

Heterogeneity of insulin-like growth factor binding proteins in swine
G.E. Veomett, L.L. Munger, G.L. Smith and J.E. Schollmeyer (U.S.A.) 49

Oxytocin mRNA: increase of polyadenylate tail size during pregnancy and lactation
H.H. Zingg and D.L. Lefebvre (Canada) 59

Calf serum modifies the mitogenic activity of epidermal growth factor in WRT thyroid cells
C.M. Rotella, C. Mavilia, U. Frediani and R. Toccafondi (Italy) 63

Acute in vitro thyrotropin regulation of lysosomal enzyme activity in the thyroid follicular cell
H. Perrild, P.E. Hoyer, N. Loveridge, S.C.J. Reader and W.R. Robertson (Denmark, U.K.) 75

Ultrastructural distribution of growth hormone (GH) mRNA and GH intron I sequences in rat pituitary gland: effects of GH releasing factor and somatostatin
G. Morel, F. Dihl and F. Gossard (France, Canada) 81

Binding and internalization of a iodinated substance P analog by cultured anterior pituitary cells
P.J. Larsen, J.D. Mikkelsen, S. Mau and T. Særmark (Denmark) 91

Obesity- and sex-related alterations in growth hormone messenger RNA levels
I. Ahmad, A.W. Steggles, A.J. Carrillo and J.A. Finkelstein (U.S.A.) 103

A rapid, Ca^{2+} -independent, onset of prostaglandin E₂ stimulation of the release of luteinizing hormone releasing hormone from copper-treated median eminence explants
A. Barnea and K.R. Bhasker (U.S.A.) 111

(continued on p. 210)

Cited in Biological Abstracts; Current Contents / Life Sciences; Excerpta Medica (EMBASE); Index Medicus; Informedicus; Pascal M

Contents (continued)

A rat seminiferous epithelial factor that inhibits Leydig cell cAMP and testosterone production: mechanism of action, stage-specific secretion, and partial characterization K.K. Vihko and I. Huhtaniemi (Finland)	119
Comparison of insulin-like growth factor 1 and insulin effects on prolactin-induced lactogenesis in the rabbit mammary gland in vitro M. Duclos, L.-M. Houdebine and J. Djiane (France)	129
Lutropin receptor and thyrotropin receptor share a common epitope C. Bedin, F. Antonicelli, B. Jallal, R. Salesse, J.M. Bidart and J.J. Remy (France)	135
Glycosylation characteristics of the mouse liver lactogenic receptor O. Lascols, J. Capeau, G. Cherqui, M. Caron, J. Bachimont and J. Picard (France)	145
Measurement of steroidogenesis in rodent Leydig cells: a comparison between pregnenolone and testosterone production L. Van Haren, J. Cailleau and F.F.G. Rommerts (The Netherlands, Belgium)	157
Transmembrane signals mediating adrenocorticotropin release from mouse anterior pituitary cells M.G. Castro, F. Gusovsky and Y. Peng Loh (U.S.A.)	165
Biosynthesis of polyunsaturated fatty acids of ($n - 6$) and ($n - 3$) series in isolated adrenocortical cells of rats. Effect of ACTH E.C. Mandon and I.N.T. De Gómez Dumm (Argentina)	175
Effects of human chorionic gonadotropin, prostaglandin $F_{2\alpha}$ and protein kinase C activators on the cyclic AMP and inositol phosphate second messenger systems in cultured human granulosa-luteal cells J.S. Davis, T.A. Tedesco, L.A. West, G.B. Maroulis and L.L. Weakland (U.S.A.)	187
Effects of prolactin on steroidogenesis and cAMP accumulation in rat luteal cell cultures H. Gitay-Goren, E.S. Lindenbaum and Z. Kraiem (Israel)	195
<i>Rapid paper</i>	
Effect of ethane dimethane sulphonate on proopiomelanocortin (POMC) mRNA and POMC-derived peptides in the rat testis H. Li, G.P. Risbridger, J.W. Funder and J.A. Clements (Australia)	203
<i>Calendar of Meetings</i>	209
<i>Notes to Authors</i>	

